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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

***(Use as many sheets as necessary)***

Sheet	1	of	4
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**Complete if Known**

<b>Application Number</b>	10/815,074
<b>Filing Date</b>	March 31, 2004
<b>First Named Inventor</b>	Stephen Lawrence, et al.
<b>Art Unit</b>	2171
<b>Examiner Name</b>	Unknown
<b>Attorney Docket Number</b>	53051/294540

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

/Robert Timblin/

Date Considered

08/30/2006

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Sheet 2 of 4

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RT	9	80-20 Software - Products - 80-20 One Search, <a href="http://www.80-20.com/products/one-search/retriever.asp">http://www.80-20.com/products/one-search/retriever.asp</a> , printed 3/16/2004.	
	10	"askSam™ Making Information Useful," askSam, - Organize your information with askSam, <a href="http://www.asksam.com/brochure.asp">http://www.asksam.com/brochure.asp</a> , printed 3/15/2004.	
	11	Alexa® Web Search - Toolbar Quick Tour, <a href="http://pages.alexa.com/prod_serv/quicktour.html">http://pages.alexa.com/prod_serv/quicktour.html</a> , pp. 1-5, printed 3/16/2004.	
	12	BARRETT, R. et al., "How to Personalize the Web," IBM Research, <a href="http://www.elmaden.ibm.com/cs/wbi/papers/chi97/wbi-paper.html">http://www.elmaden.ibm.com/cs/wbi/papers/chi97/wbi-paper.html</a> , pp. 1-13, printed 3/16/2004.	
	13	BATTELLE, J., CNN.com "When geeks go camping, ideas hatch," <a href="http://www.cnn.com/2004/TECH/ptech/01/09/bus2.feat.geek.camp/index.html">http://www.cnn.com/2004/TECH/ptech/01/09/bus2.feat.geek.camp/index.html</a> , pp. 1-3, printed 1/13/2004.	
	14	BOYAN, J., et al., "A Machine Learning Architecture for Optimizing Web Search Engines," School of Computer Science, Carnegie Mellon University, May 10, 1996, pp. 1-8.	
	15	BRADENBAUGH, F., "Chapter 1 The Client-Side Search Engine," <i>JavaScript Cookbook</i> , 1 <sup>st</sup> Ed., October 1999, O'REILLY™ Online Catalog, <a href="http://www.oreilly.com/catalog/jscook/chapter/ch01.html">http://www.oreilly.com/catalog/jscook/chapter/ch01.html</a> , pp. 1-30, printed 12/29/2003.	
	16	BRIN, S., et al., "The Anatomy of a Large-Scale Hypertextual Web Search Engine," <a href="http://www7.scu.edu.au/programme/fullpapers/1921/com1921.htm">http://www7.scu.edu.au/programme/fullpapers/1921/com1921.htm</a> , pp. 1-18, 1998.	
	17	BUDZIK, J., et al., "User Interactions with Everyday Applications as Context for Just-in-time Information Access," Intelligent Information Laboratory, Northwestern University, pp. 1-8, no date.	
	18	DEVONthink, <a href="http://www.devon-technologies.com/products/devonthink.php">http://www.devon-technologies.com/products/devonthink.php</a> , printed 3/16/2004	
	19	dtSearch® - <a href="http://www.dtsearch.com/">http://www.dtsearch.com/</a> , printed 3/15/2004.	

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Art Unit	2171
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Attorney Docket Number	53051/294540

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RT	20	DUMAIS, S., et al., "Stuff I've Seen: A System for Personal Information Retrieval and Re-Use," Microsoft Research, <i>SIGIR</i> 03, July 28-August 1, 2003, pp. 1-8.	
	21	Enfish, <a href="http://www.enfish.com">http://www.enfish.com</a> , printed 3/16/2004.	
	22	Fast Search & Transfer - Home - Enterprise Search, <a href="http://solutions.attavista.com/en/news/pr_020402_desktop.shtml">http://solutions.attavista.com/en/news/pr_020402_desktop.shtml</a> , printed 3/16/2004.	
	23	FERTIG, S., et al., "Lifestreams: An Alternative to the Desktop Metaphor," <a href="http://www.acm.org/sigchi/chl96/proceedings/videos/Fertig/elf.htm">http://www.acm.org/sigchi/chl96/proceedings/videos/Fertig/elf.htm</a> , pp. 1-3, printed 3/16/2004.	
	24	GEISLER, G., "Enriched Links: A Framework for Improving Web Navigation Using Pop-Up Views," pp.1-14, 2000.	
	25	ISYS Search Software - ISYS: desktop, <a href="http://www.isysusa.com/products/desktop/index.html">http://www.isysusa.com/products/desktop/index.html</a> , printed 3/16/2004.	
	26	JOACHIMS, T., et al., "WebWatcher: A Tour Guide for the World Wide Web," 1998.	
	27	MARKOFF, J., "Google Moves Toward Clash with Microsoft," <i>The New York Times</i> , May 19, 2004, <a href="http://www.nytimes.com/2004/5/19/technology/19google.html?ex=1085964389&amp;ei=1&amp;...">http://www.nytimes.com/2004/5/19/technology/19google.html?ex=1085964389&amp;ei=1&amp;...</a> , pp. 1-4, printed 5/19/2004.	
	28	NARAIN, R., "Future of Search Will Make You Dizzy," <i>Enterprise</i> , May 20, 2004, <a href="http://www.internetnews.com/ent-news/article.php/3356831">http://www.internetnews.com/ent-news/article.php/3356831</a> , pp. 1-4, printed 5/21/2004	
	29	"Overview," Stuff I've Seen - Home Page, <a href="http://research.microsoft.com/adap/sis/index.htm">http://research.microsoft.com/adap/sis/index.htm</a> , pp. 1-2, printed 5/26/2004.	
	30	RHODES, B., "Margin Notes Building a Contextually Aware Associative Memory," <i>The Proceedings of the International Conference on Intelligent User Interfaces (IUI'00)</i> , January 9-12, 2000.	
	31	RHODES, B., et al., "Just-in-time information retrieval agents," <i>Systems Journal</i> , Vol. 39, Nos. 3&4, 2000, pp. 685-704.	
✓	32	RHODES, B., et al., "Remembrance Agent - A continuously running automated information retrieval system," <i>The Proceedings of the First International Conference on the Practical Application of Intelligent Agents and Multi Agent Technology (PAAM '98)</i> , pp. 487-495.	

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RT	33	RIZZO, T., "WinFS 101: Introducing the New Windows File System," Longhorn Developer Center Home: Headline Archive: WinFS 101: Introducing the New..., <a href="http://msdn.microsoft.com/Longhorn/archive/default.aspx?pull=/library/en-us/dnwinfs/htm...">http://msdn.microsoft.com/Longhorn/archive/default.aspx?pull=/library/en-us/dnwinfs/htm...</a> , pp. 1-5, printed 4/21/2004.	
	34	"Searching for the next Google - New trends are helping nimble startups elbow in to the plundered market," RED HERRING - The Business of Technology, March 9, 2004, <a href="http://redherring.com/PrintArticle.aspx?a=4782&amp;sector=Capital">http://redherring.com/PrintArticle.aspx?a=4782&amp;sector=Capital</a> , pp. 1-5, printed 3/30/2004.	
	35	"Selecting Task-Relevant Sources for Just-In-Time Retrieval," pp. 1-3, no date.	
	36	SHERMAN, C., "HotBot's New Desktop Search Toolbar," <a href="http://searchenginewatch.com">www.searchenginewatch.com</a> , <a href="http://searchenginewatch.com/searchday/print.php/34711_339921">http://searchenginewatch.com/searchday/print.php/34711_339921</a> , pp. 1-3, printed 4/14/2004.	
	37	"Standardization Priorities for the Directory - Directory Interoperability Forum White Paper," The Open Group, December 2001, pp. 1-21.	
	38	SULLIVAN, D., "Alta Vista Releases Search Software," <i>The Search Engine Report</i> , August 4, 1998, pp. 1-2.	
	39	WebWatcher Home Page, "Welcome to the WebWatcher Project," <a href="http://www-2.cs.cmu.edu/~webwatcher/">http://www-2.cs.cmu.edu/~webwatcher/</a> , printed 10/15/2003.	
	40	"WhenU Just-In-Time Marketing," <a href="http://www.whenu.com">http://www.whenu.com</a> , printed 3/19/2004.	
	41	X1 instantly searches files & email. For outlook, Outlook, <a href="http://www.x1.com/">http://www.x1.com/</a> , printed 3/15/2004.	
	42	ZELLWEGER, P., et al., "Fluid Links for Informed and Incremental Link Transitions," Proceedings of Hypertext'98, Pittsburgh, PA, June 20-24, 1998, pp.50-57.	

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